

Attorney Docket No. 010356

**REMARKS**

Claims 1-13 are pending in the present application, of which claims 1 and 9-13 are independent. Claims 1 and 9-13 have been amended. After entry of the above amendments, claims 1-13 are pending in the present application, of which claims 1 and 9-13 are independent. Applicants believe that the present application is in condition for allowance, which prompt and favorable action is respectfully requested.

**I. REJECTION UNDER 35 U.S.C. §102**

The Examiner maintained rejection of claims 1 and 7-13 under 35 U.S.C. §102(e) as being allegedly anticipated by PCT International Publication No. WO 98/28929 (while WO 99/53621 has been cited in the office action, Applicant assumes that the Examiner means the former) issued to Hokkanen (hereinafter "Hollanen"). Claims 1 and 9-13 have been amended which makes the rejection moot. The Applicant believes that the amended claims 1 and 9-13 are allowable for the following reason.

To anticipate a claim under 35 U.S.C. §102(e), the reference must teach every element of the claim and "[t]he identical invention must be shown in as complete detail as is contained in the ... claim." (see MPEP §2131).

Hokkanen teaches the use of a mobile station as a cordless telephone. Accordingly, it teaches an authentication process by which the mobile station registers with a home base station to function as a cordless telephone.

Hokkanen does not teach restricting mobility of the mobile apparatus as in independent claims 1, 9, 10 and 13.

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With respect to claims 11 and 12, Hokkanen does not teach a second random number based on a received random number.

Since Hokkanen does not teach every element of the claims, Applicant submits that claims 1 and 9-13 are allowable. Also, claims 7 and 8 depend from and include all the elements cited in the independent claim 1. Accordingly, Applicant submits that these claims are believed to be allowable based on their dependency from an allowable base claim as well as other novel features included therein.

For at least the foregoing reasons, Applicant respectfully reconsideration and request a withdrawal of the rejection under 35 U.S.C. §102.

### III. REJECTION UNDER 35 U.S.C. §103

The Examiner maintained rejection of claims 2 and 5 under 35 U.S.C. §103 as being unpatentable over Hokkanen in view of Handbook of Applied Cryptography, 1997, pages 397-400 (hereinafter "Menezes"). Claim 3 is rejected under 35 U.S.C. §103 as being unpatentable over Hokkanen in view Menezes and in further view of A survey of Cryptography Algorithms (hereinafter "Moshopoulos"). Claim 4 is rejected under 35 U.S.C. §103 as being unpatentable over Hokkanen in view Moshopoulos. Claim 6 is rejected under 35 U.S.C. §103 as being unpatentable over Hokkanen in view of PCT International Publication No. WO 99/53621. The rejections are respectfully traversed in its entirety.

Claims 2-6 depend from and include all the elements cited in the independent claim 1. Accordingly, Applicant submits that claims 2-6 are believed to be allowable based on their dependency from an allowable base claim as well as other novel features included therein.

For at least the foregoing reasons, Applicant respectfully requests a withdrawal of the rejection under 35 U.S.C. 103.

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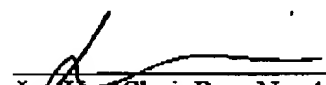
### CONCLUSION

In light of the amendments contained herein, Applicants submit that the application is in condition for allowance, for which early action is requested.

Please charge any fees or overpayments that may be due with this response to Deposit Account No. 17-0026.

Respectfully submitted,

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By:   
Jae-Hee Choi, Reg. No. 45,288  
(858) 651-5469

QUALCOMM Incorporated  
Attn: Patent Department  
5775 Morehouse Drive  
San Diego, California 92121-1714  
Telephone: (858) 658-5787  
Facsimile: (858) 658-2502